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THIS BOOK SENT BY

### THE JAMES ROBERTSON

CO., LTD.,

TORONTO, ONTARIO.

MONTREAL, QUE. St. John, N. B. Winnipeg, Man.

# BLUE BOOK FOR THE REGISTER TRADE





COMPRISING ILLUSTRATIONS AND PRICE LISTS OF FERROSTEELS WARM AIR REGISTERS AND VENTILATORS



The Perfosteel Cappany





### It is well known

THAT-

Steel is made specially suited for certain purposes.

A steel is made for Fine Edge Tools, another for Cutlery.

A steel is made for Rails, another for Carriage Work.

A steel is made for Agricultural Machinery, another for the Superstructure of Buildings.

**Ferrosteel**, however, is produced especially for high grade castings.

Ferrosteel produces smooth castings.

Ferrosteel has great strength.

Ferrosteel has great powers of expansion and contraction.

Ferrosteel will stand the strain of extra hot fires without giving out.

Ferrosteel is not liable to warp.

### Ferrosteel . . .

# Has all desirable properties for Register construction.

#### ... The Faces ...

have unusual strength and at the same time are smooth, and designs handsomely brought out.

(Ferrosteel produces handsome designs and delicate tracery in a superior manner)

#### ... The Boxes ...

Comprise the parts to be drilled and tapped, and Ferrosteel is of such even texture that threads do not break out when the bolts are driven to place.

The threads also have great holding power, as they are uniform throughout.

#### ... The Wings ...

are of even thickness and straight, enabling them to be fitted accurately, and when closed, all of the heat is shut off.

#### ... Heavy Faces ...

in Composite Lattice Pattern are especially suited for use where both strength and handsome design are desired.

# The demand for Ferrosteel Registers

Has been large, and we have yet to learn of an instance where there has been dissatisfaction, and many words of commendation have been received.

It has not been our endeavor to produce what would be known as a "cheap register," but rather to have Ferrosteel Registers superior in many respects to any other make and also to supply a complete line of sizes.

That we have succeeded is an acknowledged act.

A large stock is kept at both our works and Cleveland warerooms, and so many leading jobbers have taken up the line that stocks are now carried at nearly every prominent point in United States.

Please address for all particulars,

THE FERROSTEEL COMPANY, 106-108 Superior Street, CLEVELAND, OHIO.

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REGISTERS, FACES AND BORDERS— PAGES.
Square, Japanned,
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Round, Japanned
Round, Square Face, Japanned
Bronzed to imitate Gold, Copper, etc
Electroplated, Nickel, Copper, etc
Square Convex
Circular Top Convex
Convex Register Boxes
Circular Top
Heavy Gratings
Smoke Pipe Registers
Ventilating Plates
SPECIAL ILLUSTRATIONS—
Byzantine Pattern—list of sizes
Moorish Pattern—list of sizes
Composite Lattice Pattern—list of sizes
<b>Examples</b>
Slate Borders

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### Registers and Ventilators, Vertical Wheel, Made in following sizes.

# Finished in Black or White Japan.

Size of Opening- Inches.	Register.	Floor Border.	Register Face.	Ventilator for Cords.	Register Without Valves.
				- 6 -	
4 x 6	I.40	1 30	0.46	1.05	1.20
4 x S	1 50	1.30	48	1.75	I. 25
4 x 10	1.65	I.30	50	1.90	1 40
4 x 12	1.80		I.30	0.05	T 70
4 x 13	2 00	1.30	05	2.25	2.00
4 x 15	2.30	1.30	75	2,55	2.60
4 x 18	3 00	2.00	1,10	3.25	7.6-
5 x S	1 80	I 15		2.05	1.05
5 x 9	1 90	I.20		2.15	1.70
5 x 10	<b>2.00</b>	1.25		2.25	2.00
5 x 11	2.20	I.40	05	2.45	2.75
5 x 12	2.40	1.50	90	205	2.15
-15 x 13	2-55	I.70	95	2.00	2.10
5 x 14	2.65	1.50	1.00	2.90	2.40
5 x 15	2 80	2.00	1.05	3.05	2.50
5 x 16	2.90	2.10	1.10	3 15	2.00
5 x 17	3.50	2.25	1.15	3.75	3.15
5 x 18	3 70	2.40	1.30	3.95	3.50
6 x 6	I.90	I.I5		2 15	1.05
6 x S	1.90	1.15	65	2.15	1.05
6 x 9	2.00	I.20	70	2.25	1.75
6 x 10	2.10	I.25	70	2.35	1.80
6 x 12	2 60	1.50	I 00	2 85	2.25
6 x 14	2.70	1.80	I.05	2.95	2.30
6 x 16	3.00	2.10	I.10	3.25	2.55
6 x 15	3.75	2 40	I.35	4.00	3.25
6 x 20	5 75	2.80	1.70	6 00	5.00
6 x 22	6.30	3.20	1.90	6.55	5.50
6 x 24	6.35	3.50	2.15	0.00	5.55
6 x 28	S. 10	3.75	2.80	5.35	7.00
6 x 30	9.00	3.90	3.25		0
6 x 32	9.20	4 00	3.50	9.45	8.20
±7 x 7	2.20	1.15	80	2.45	I.90
7 x 10	2.30	I.30	85	2.55	2.00
7 X I 2					
7 x 14	3.40	2.15	I.35	3.05	3.00
7 x 15	3.60	2.10	1.50		
8 x 8	2.25	1.30	90	2.50	2.00
8 x 10					
8 x 12,					
8 x 13	3.50	I 90	I 40	3.75	3.15
x 14					
8 x 15					
S x 16	4.50	2.20	I . 80	4.75	4.00
8 x 18	4.75	2.50	2.00	5.00	4.25
S x 21					
S x 24					
8 x 27					
S x 30	10.50	5.50	4 50	10.75	8.75

### Registers and Ventilators, Vertical Wheel, Made in following sizes.

### Finished in Black or White Japan.

Size of Opening. Inches.	Register.	Floor Border.		Ventilator for Cords.	Valves.
9 x 9	3.00	I.50	I. I 5	3.25	2.65
9 x 12	3.30	1.70	I.25	3.55	2.90
9 x 13				3.70	
9 x 14				3.85	
9 x 15				4.85	
9 x 16		2.20	2, I 5	5.00	4.25
9 x 17				6.00	
9 x 18			2.75		5.30
9 x 19				6.75	
9 x 20			3.25	7.25	0.25
9 × 22		3.25	3.00	7.75	5.50
9 x 24				S.75	
9 x 25				9.25	
9 x 28				9 75	
9 x 30					
10 x 10				3.50	
IO X 12					
IO X I1				4 50	
10 x 16				5 00	
10 x 18					
10 X 20					
10 X 24	9.50	4.00	4.00	9.75	8.50
II X 17	6.00		2.40	6.25	5.25
11 x 18					
II x 20					
12 x 12					
12 x 14					
12 X 15					
12 x 16					
12 x 17					
12 X 10					
I2 X 20					
12 x 24					
12 x 30					
12 x 36					
14 x 14					
14 x 16	8.25	2.90	3.50	8.75	7.25
14 x 18	8.75	3.15	3.85	9.25	7.65
14 x 20					
I4 X 22	10.00	3 70	4 50	10.50	8.50
15 x 25					
16 x 16					
16 x 18					
16 x 20					
16 x 22					
16 x 24					
16 x 25					
16 x 32	20.00	0.90	9.50	20.50	17.00

Additional sizes on page 8.

#### Registers and Ventilators, Vertical Wheel, Made in following sizes.

# Finished in Black or White Japan.

Size of Opening- Inches	Register.	Floor Border	Register Face.	Ventilator for Cords	Register Without Valves
18 x 15	14 50	4.65	5.95	15.00	I 3.00
15 x 21	16.50	5 35	7.00	17.00	14.25
18 x 24	17 60	6.00	8.05	18.10	15.00
18 x 27					
18 x 30	24 00	7.30	10.60	24.50	20.00
15 x 36	29.00	9.00	I 2.70	29.50	24 00
20 x 20	15.25	4.95	6.20	15.75	13.25
20 x 22	17.25	5.75	S. 20	I 7.75	I 5.00
20 x 24	15 00	6 00	8.25	18.50	15.50
20 x 26	20 00	0.75	5.75	20.50	I 7.00
20 x 28					
20 x 30	25.70	8.50	11.50	26.20	21.75
20 x 32	29.00	9.00	12.70	29.50	25.00
20 x 36	33 00	10.00	15.00	33.50	2\$.00
2I X 2I	I G.DO	6.75	8 75	19.50	16.50
2I x 25	21.00	6.90	9.75	21.50	18.25
2I X 29	23.00	7.00	10.10	23.50	I 9.00
21 x 33	30 00,	7 25	15.00	30.50	25.50
21 x 37	36 00	7.50	I 7 00	36.50	30.00
24 x 24	22.00	7 00	9.50	22.50	18.00
24 X 27	25.00	5.00	11.50	26.50	21.75
24 x 30	29 00	8.50	13.00	29.50	24-50
24 x 32	33.00	9.50	14.00	33-50	28.00
24 x 35	3 \ 60	IO. 50	18.00	39.10	32-50
24 × 45	52-50	13.00	25.90	53 00	45 00
27 X 27	29 00	8.50	14.25	29.50	24.50
27 x 35	43.00	10 50	21.00	43.50	36.00
30 x 30	38 00	IO.00	17-65	38-50	32.00
30 x 36	52-50	I 3 00	25.90	53.00	15.00
30 x 42	60.00	14.50	20.00	60.50	51.00
38 x 42			38.30		

### Registers and Ventilators, Vertical Wheel.

# Bronzed to Imitate Gold, Copper, Silver or Bronze Metal.

Size of Open- ing. Inches.	Register.	Border.	Face.	Size of Open- ing. Inches.	Regis- ter.	Border.	Face.
	1.90.		0.95	IO X 10		2.10	1.55
4 X 10	2.20	1.50	1 05	10 X 14	- 5 15	2 40 2.65	2.75
4 × 15	2.85	2 40	1.30	10 x 15	7 50	3.25	3 55
4 x 18 5 x 8	2 25	2. 5 I 35	1 15	10 X 20	10 75	3 50	5.50
5 <b>X</b> 9		I 50		II X 17	0.60		4 50
5 X II	3.00	1 65		12 X 12		2.60	
	3.10		I 50	12 x 15		2 90	
5 X 15 5 X 16	3.40	2 40	1.65	12 X 17	7 80 8 15	3.15	3 >5
5 X 171	4 25	2 60	I So	12 X 19 12 X 20	8.60	3.40	4 30
6 x 6	4.50 2 50	1.35	1 25	12 X 2 ,	11.00	4.55	5.75
6 x 9	2 50	I 40.,.	1.25	12 x 30 12 x 36	15 00	6.65	9 00
6 x 12	3 10	I 55	I 45	14 X 14	9 65	3.45	4-50
	3 25	2 10	I.75	14 X 18			
6 x 18 6 x 20	4175	2.75	2.05	14 X 22 15 X 25	11.25	4-35	5.90
6 X 22		3 75	3 00	16 x 10	11.25	4.25	
	9.20		3 80	16 x 20	13 50	4.65	6.25
6 x 32	10.70	6 00	4 75	16 x 24 16 x 28	16.50	5.20	
7 x 7 7 x 10	2 90	1.35	1 35	16 x 32	23.00	7 25	11.00
7 X 14	3 25	2 75	1 55	18 x 21	15.,5	6.10	8 50
8 x 8	3 10	1.55	1 45	18 x 21	23 co	7.25	10.50
8 <b>x</b> 12		1 '0		15 x 26	27 00	0.52	
8 x 14	4 2 4 35	2.45	2 10	20 X 20	17.50	5.65	9.75
8 x 16 8 x 15	5 00	2 75	2 35	20 X 21 20 X 26	20.75	7.20	10.25
8 x 21 8 x 24	7.50	3.25	3.10	20 x 25		8.75	
8 x 27	10.40	5.00	4. 0	20 N 22	22.00	0.75	I.1.50
9 x 9	3.60	I 75	' I CO	21 X 21 21 X 25	36.00	7.50	10.00
9 х 13		2.30	2 10	21 X 2)	25.50	8 50	12 55
9 x 14	5.60	2.60	2 60	21 X 37	39.00	10.00	. 20.50
	6.75				24.75	9.00	14.50
9 x 18	7 15	3.25 3 50		24 X 32	35.50	10.25	16 00
9 <b>x</b> 20	8 25	3.60	3 90	21 X 45	42.50	15.00	29.50
9 <b>x</b> 24 9 <b>x</b> 25	10 00	4.00	4.40	27 X 27		12.00	15 00
9 x 25	11.00	5 00	5.30	30 x 30 30 x 36	43.00	11.50	22.65
9 <b>x</b> 28	12.75		6 25	30 X 30	165.00	16 50	35 00

### Registers and Ventilators, Vertical Wheel.

# Electroplated, Nickel, Bronze, Brass, Copper, Etc.

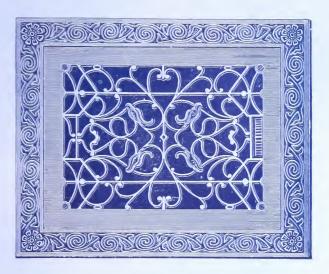
Size of Open- ing. Inches.	Register.	Border.	Face.	Size of Open- ing. Inches.	Regis- ter.	Border.	Face.
6	0.05	2 80	2.00	10 x 10	5 65	3.70	3 60
	2.95	2.60	2.00	10 X 12			4.05
4 x 8	3.25	2.00	2.25	10 X 14	6.85	4.40	
4 X 10	3.50	2.40	2 65	10 x 16	7.45	4.75	4.85
4 X 13	4.00	2 60	2.70	10 x 18		5.05	
4 X 15	4 50	3 50	2.15	10 X 20			
5 x 8			2 40	10 X 24			
5 x 9	2 75	2 90		11 X 17			5.20
5 x 10	3.90	3.co	2 60	II X 20			7.00
. 5 X II			2 70	12 X 12		4 50	4.65
5 X 12			2 50	12 X 14	8.40	5.00	4.95
5 x 13	4.55	3.35	2.90	12 x 15	8.65	5.35	5 05
5 x 14	4.75		3.00	12 x 16			
5 x 15		3 50	3.20	12 X 17			5.50
5 x 16	5.20				9.95		
	5.40	3.70	3.55	12 x 19			
лина 5 x 15			3.70	12 X 20	10.50		
	3.75		2.55	I 2 X 24			7.40
6 x 8		2.50		12 x 30			
6 x 9		2.90		12 <b>x</b> 36	10.50	6.00	6 15
6 x 10			2 70	14 X 14	12.00	6.50	7.20
6 X 12			3 00	14 x 16	.14.00	7.00	8 75
6 X 14			3.20	14 X 18,		7.50	9.50
6 x 15				14 X 22			
6 x 20		4.60		15 × 25			
The same of the sa	9.00			16 x 16			
	10 00			16 x 18			
	13.00			16 x 20			
	15.50	8 50	8 25	16 x 22			
	17 00			16 x 24			14.25
7 x 7	4 05		2.65	16 x 25	23-00	11.00	17.50
7 x 10			2.95	16 x 32	27.50	14.50	21,00
7 X 12		3.55		18 x 18	19.50	9.00	00.11
7 x 14	5.25	3.70	3.35	18 X 21			
8 ж 8			3.05	18 X 24	24 50	11.25	14.50
8 X 10	4.55		3.20	18 x 27	28.75	12.50	16.50
8 X 12	5.20			18 x 30			
8 X 13				18 x 36	30.00	10.50	23.00
8 x 14 8 x 15		4.25	3 95	20 X 20			
	6 75			20 X 22			
8 x 18		5.00		20 X 24			
8 x 21	5 75			20 X 28			
8 x 24	10.50			20 X 30			
8 x 27			7 40		36.50		
8 x 30		10.00	9.00	20 x 36			
9 <b>x</b> 9			2.35	21 X 21		15.75	
	5.70	3.70		2I X 25	30.00	16.50	20.50
9 <b>x</b> 13				21 x 29			
9 x 14			4 10	21 x 33	40.00	20.50	23.00
9 x 15	6.75			21 X 37	47.00	22.50.	27.00
9 x 16	7.40	4.50	4.40	24 x 24	33.00	17.00	21.20
9 x 17			4.75	24 x 27			
9 x 19	8 50	5.20		24 x 30			
0 x 30	9.00		5.20	24 X 32			
9 X 20	9.25	5.90	5.60	24 x 36			
9 <b>x</b> 24	11.25	6.60	6.30		65.00		
9 x 25	12.50	7.25 7.75		27 X 27	49 50		
9 x 26	13.75		7.40	27 x 38		30.00	
9 x 25		10.00	9.40	30 x 30	52.00	27 00	25 10
. 9 x 30	16.75	12.00	10.50	30 X 42	75.00	25.00	42.00
					11.12 MAY	15.00	43 00

Registers and Ventilators, Vertical Wheel, Byzantine Pattern, Made only in the following sizes. Finished in

Black or

White

Japan.



#### BYZANTINE PATTERN.

Size Open Inch	ing.	Register.	Floor Border.	Register Face.	Ventilator for Cords.	Register without Valves.
8 x	10	2.50	1.40	0.95	2.75	2.20
8 x	I 2	2.8o	1.50	1.10	3.05	2.45
8 x	15	3.60	2.10	1.50	3.85	3.25
9 x	I 2	3.30	1.70	1.25	3-55	2.90
ıo x	I 2	3.60	1.90	1.50	3.85	3.15
ıo x	14	4.25	2.05	1.85	4.50	3.75
12 X	15	6.00	2.55	2.40	6.25	5.20

Byzantine Ribless Borders are made for above sizes only. (Other sizes in preparation.)

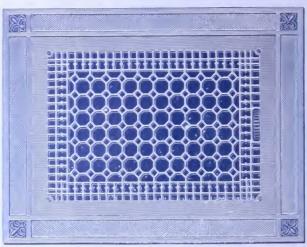
When Byzantine Borders are ordered, those with ribs are shipped, unless otherwise specified.

Registers and Ventilators, Vertical Wheel, Moorish Pattern, Made only in the following sizes. Finished in

Black or

White

Japan.



Size of Opening. Inches.	Register.	Floor Border.	Register Face.	Ventilator for Cords.	Register without Valves.
4 X 6	I.40		0.16	1 60	1.10
		30			
4 X 10	1 65	I.30	0.50	I.90	I.40
4 X I3	2.00	I.30	0.65	2.25	I 70
4 x 15	2.30	I-30	0-75	2.55	2.00
4 X 15	3.00	2.00	I.10	3.25	2.60
		I:15			
		I.20			
		,, I, 25			
5 X II	2 20	1.40		2.45	2.00
		I 50			
		2 00			
5 X Ib	2 90	2 IO	I.IO	3.15	2 50
		2.25			
		2.40			
		I,15			
		I.I5			
		I 20			
		I,25			
6 x 12	2.60	1 50	1.00	2. \5	2.25
6 X 14	2 70	I. 50	I.05	2.95	2.30
		2.10			
6 X 15	3.75	2.40	I.35	4 00	3.25
6 x 20	5.75	2 50	I 70	6 00	5.00
		3.10			
6 X 24	6.35	3 50	2,15	6.60	5.55
6 X 25	8.10	3.75	2.50		7.00
6 x 30	9.00	3.90	3.=5		
6 X 32	9 20	4.00	3 50	9.45	8.21
7 × 7	2.20	1.15	0.50	2.45	I.90
7 X 10		I.30	0 85	2 55	2.00

### Registers and Ventilators, Vertical Wheel, Moorish Pattern,

Finished in

Black or

White Japan.

	the following s	12.03.	White Japan.				
Size of Opening. Inches.	Register.	Floor Border.	Register Face.	Ventilator for Cords.	Register without Valves.		
7 X 12	2 80	1-50	1 10	3-05	2.40		
7 X 14		2.15	1.35		3 00		
8 x 8	2.25	I 30			2.00		
8 x 10	2 50		95		2 20		
8 x 12	2 80	1,50			2.45		
8 x 13	3.50		I 40		3.15		
S x 14	3.55		1 45	3.80	3.25		
S x 15	3 60	2 10	1,50	3.85	3.20		
8 x 16		2 20	I.So	4-75	4.00		
8 x 18	1 75	2.50	2.00	5.00	4.25		
8 x 21	6.50	2 75	2,60	6.75	5.75		
8 x 24	8 05		3 20	8 30	7.25		
8 x 27	9.25			9.50	7 50		
8 x 30	10.50			10.75	8.75		
9 x 9	3.00				2.65		
9 X 12	3.30			n 3.55	2 90		
	3.45				3.05		
9 x 14		1 95			3.20		
9 x 15,			1 1 90		4.10		
9 x 16			2-15		4.25		
9 x 17					5.15		
9 x 18	6.15		2.75	6 40	5.30		
9 x 19					5.80		
9 x 20				7 25			
9 x 22	7 50						
9 x 24				9.25	7 50		
9 x 25			4.10		8 50		
9 x 26	9.50			10.75	9 25		
9 x 28 9 x 30			5 20	11.75	10.00		
10 X 10					2 85		
10 X 12		1.90			3.15		
10 X 14	1 25	2 05			3.75		
10 x 16	4.75	2.25			4.00		
10 x 18			2.85		5 75		
IO X 20				7 75	6,75		
10 X 21	9.50	4.00		4 75	8.50		
11 x 17				6 25	5.25		
II X 20							
12 X 12		2 20		5 25	4 25		
12 X 1.1	5 75			6 00	5.00		
12 x 15	6.00			6 25	5.20		
12 X 16	6 50			6.75	5.50		
12 x 17	6 75	2 75	2.50.,	7.00	5.75		
12 x 18	7.00	2.55	3,10	7 25	6.00		
12 x 19	7.50	2 95	3.20		6.50		
12 X 20	8 50	3.10	3 40	8.75	7.40		
12 X 24	9 75				8.50		
12 x 30			6.00	14.25.,	12-50		
12 x 36		5 25			14.50		
14 × 14	7.50				6.50		
14 x 16					7 25		
14 x 18.,	8.75		3. 5		7.65		
14 X 20	9.50		4.25		-		
		3 70			12.50		
15 X 25		4.50			8.50		
16 x 16				10 00	9.90		
16 x 15				12 00	10.00		
16 x 25				13.75			
16 x 22		4 30		14 50	12.00		
16 X 24				18.10	15.00		
16 x 29			7 75	20.59	17.00		
16 x 32			9.50		13.00		
18 x 18			5 95	17.00	14.25		
18 x 21	16.50				15.00		
18 X 24	17.60				17.00		
IS X 27		6.65		24.50			
18 x 30		0.00	12.70		24.00		
	29.00	9.00	12.70				

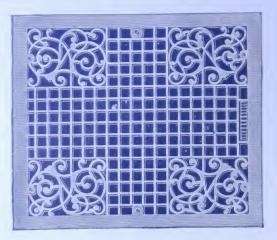
## The regrosted Empany

Registers and Ventilators, Vertical Wheel, Composite Lattice Pattern. Finished in

Black or

White

Japan.



### COMPOSITE LATTICE PATTERN. With Ornament at Each Corner of Face.

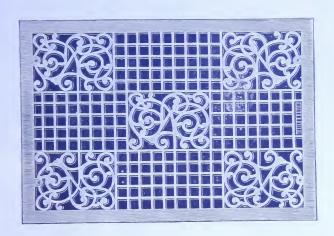
Size of Opening, Inches.	Register.	Floor Boider.	Face.	Ventilator for Cords.	Register without Valves.
20 x 20	15.25	4.95	6.20	15.75	13.25
20 x 22	17.25	····· 5·75 ····	8.20	17.75	15 00
20 x 24	15.00	6.00	8.25	18.50	15.50
20 x 26	20,00	6.75	8.75	20.50	17.00
20 x 2S	22.50	S.oo	10,00	23.00	18.75
20 x 30	25.70	8.50	11.50	26.20	21.75
20 x 32	29.00	9.00	I 2.70	29.50	25.00
20 x 36	33.00	10.00	15.00	33.50	25.00
21 x 21	19.00	6.75	S.75	19.50	16.50
21 x 25	21.00	6.90	···· 9·75····	21.50	18.25

Registers and Ventilators, Vertical Wheel, Composite Lattice Pattern. Finished in

Black or

White

Japan.



#### COMPOSITE LATTICE PATTERN.

With ornament at each corner of face and in the center.

Size of Opening. Inches.	Register.	Floor Border.	Face.	Ventilator for Cords.	Register without Valves.
21 x 29 21 x 33 21 x 37 24 x 24 24 x 27 24 x 30 24 x 32 24 x 36 24 x 45 27 x 27 27 x 38 30 x 36 30 x 36	23.00	7.00 7.50 8.50 8.00 8.50 9.50 10.50 13.00 8.50 10.50 13.00 14.50			

### The regrosted Empany

Convex Registers and Ventilators.

Square.

Finished in

Black or White Japan,

Bronzed or Electroplated.



For shallow flues and thin partitions.

Size of opening.		Register Bronzed to Imitate Gold, Copper or Bronze Metal.	Register. Nickel, Brass or Bronze Plated.	Face Japanned.	Face Bronzed.	Face Electro- plated.
6 x S	2.75	3 75	5.50	1.00	2.00	3.75
6 x 10	3.00	4.00	···· 5·75····	1.25	2.25	4.00
7 × 10	3.50	4.50	6.00	1.50	2.50	
- 8 x 10	3.50	4 50	6.00	I 50	2.50	4.00
S x 12	4.00	5.00	6.50	1.75	2.85	4.25
9 X 12	4.50	5.50	7.00	2.00	3.25	4 50
IO X 12	5 00	6.20	7.50	2.25	3.60	4.75
10 x 14	5-75	6.8o	8.25	2.60	4.10	5.10
.12 X 12	6.75	S.00	10.00	3.30	4.70	400000000000000000000000000000000000000
12 x 14	7.25	S.25	10.75	3.40	4.90	
		S.50		3.50	5.00	
		S.90	11.40	3.70	5.15	
	8.00		11.So	3.90	5.30	
12 x 1S.	S.25	9.70	1 2.20	4.10	5.50	
12 x 19	S. 50	10.00	I 2.50	4.20	5.70	

#### BYZANTINE DESIGN.

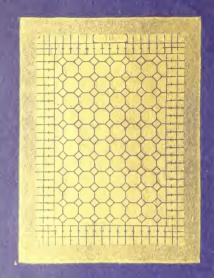


Supplied in ElectroPlated Nickel,
Bronze and
Brass.
Also
Bronzed to
Imitate Gold,
Copper,
Silver or
Bronze Metal.

Registers with
Solid Brass or
Bronze Metal
Faces
Made to order
only.



### MOORISH DESIGN.



Supplied in

Electroplated

Nickel, Bronze

and Brass.

Also Bronzed to

Imitate Gold,

Copper, Silver

or Bronze

Metal.

Registers with
Solid Brass or
Bronze Metal
Faces
Made to order
only.

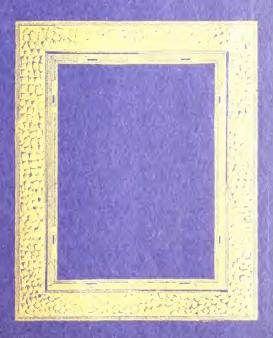


### BORDER IN HAMMERED METAL DESIGN.



This Hammered Metal
Border is suitable for any of our various designs in Registers, and is supplied in Electroplate or Bronzed to imitate Gold, Copper, Silver or Bronze Metal.

Registers with
Solid Brass or
Bronze Metal
Faces
Made
to order only.



### COMPOSITE LATTICE REGISTER WITH MOORISH BORDER



Supplied in

Electroplated

Nickel,

Bronze and

Brass.

Also

Bronzed to

Imitate Gold,

Copper,

Silver or

Bronze Metal.

Registers with
Solid Brass or
Bronze Metal
Faces
Made to order
only.



Convex
Registers
and Ventilators.
Circular Top.

Finished in Black or White Japan.

Bronzed or Electroplated.



PATENT PENDING.

#### MOORISH DESIGN.

Size of Opening.	Japanned, Black or White.	Bronzed to Imitate Gold, Copper or Bronze Metal.	Electro-Plated Nickel, Brass, Bronze or Copper.
8 x 12	4.00	5.00,	6.50
9 <b>x</b> 12	4.50	5.50	7.00
10 х 14	5.75	6.80	8.25

### CIRCULAR TOP REGISTERS.

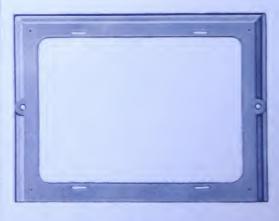
4000		JAPANNED, Black or White.		REGIS	REGISTERS.	
	Size of Opening	Register	Register Face	Bronzed	Electro- Plated	
	~ 7 x 10					
	. 9 x 12 =	. 3.40	1.30	4.10	5-75	
32300	10 X 14	_4.25_	_ 1.85	5-15	7.30.,	
	-11 X 13-	4.85	2,25	5-75	-7-45	

### CONVEX REGISTER BOX.

Bronzed.

To use with following sizes:

Square Conve	x Registers.
Sile of a tg:ster,	Price each
6 x 10	3.00
8 x 10	3.00
8x 12	3 00
9 X 12	3.00
10 x 12	
iù x 14	3.00



### WARM AIR REGISTERS, WITH SOLID BRASS OR BRONZE METAL FACES.

HIGHLY POLISHED AND LACQUERED.

Made to Order Only.

Size of Opening.	Register.	Face.	Floor Border.
6 x 8 in	7.00	6.40	7.00
6x 9 "		6.40	
6 x 10 "		6.40	
6 x 14 "		7.20	
6 x 18 "	10.50		10.50
7 x 10 "	7.25	6.6o	
8 x 8 "	7.00		
8 x 10 "	7.50		,
8 x 12 "	8.00		
8 x 15 "	10.50	9.60	10.50
8 x 18 "		1 i.90	
9 x 9 "	8 oo	7.20	8.oo
9 x 12 "	8.75	7.90	8.75
9 x 14 "	IO.00	9.05	00.01
IO x IO "		7.90	
IO X 12 "	IU.00	9.05	00,00
10 x 14 "		IO.20	
10 x 16 "		11.35	
12 x 12 "	I 2.00	10.70	12.00
12 x 14 "	12.75	11.00	12.75
12 x 15 "		11.40	
12 x 16 "	13.75		
12 x 17 "	14.50	12.75	14.50
12 X 19	16.25	14.30	
	23.00		
14 x 14	17.00		
14 X 10	18.50		
14 x 10	20.00	18.00	27.50
14 x 20		18.90	
14 x 22		20.75	
10 X 20	35.00		
16 x 24 "		40.40	
20 x 24	50.00		
20 X 20	30.00	43.70	111111111111111111111111111111111111111
	ROUND SLI	DE LEVER.	
6 in	4.50	1 4.15	4.50
7 "	5.50	5. 10	5.50
8 "	6.50	5.95	6.50
9 "	7.50	6.85	7.50
70 "			8 00
IO "	8.00	7.20	0.00
12 "	9.50	7.20 8.55	9.50
	9.50	8.55	9.50 12.50
12 "	9.50	7.20	9.50 12.50 16.00

Other Sizes at Proportionate Prices.

Ventilators, 25 cents net in addition to price of Registers.



## The refrosted Company

### INDIAN DESIGN.

Round Register in Border.



PATENT PENDING

### INDIAN DESIGN.

Round Register Border.



PATENT PENDING.

Round

Registers

and Borders.

Finished in Black or White Japan.

Bronzed and Electroplated.

Size of Opening.	Finish.	Register.	Border.	Face.	Ventilator for Cords.	Register without Valves.
6	BLACK OR WHITE JAPAN.		1.10		1.75	

#### **BRONZED:**

To Imitate Gold, Silver, Copper, or Bronze Metal.

#### PLATED:

Nickel, Brass, Bronze, or Copper.

Size of Opening, Inches.	Register.	Floor Border.	Register.	Floor Border.
7 8 9	2.30 2.30 2.80	I.30 I.40 I.55	3.30 3.50 3.85 4.60 5.15 6.25	3.15 3.25 3.55

All sizes of Round Registers are supplied with fixtures for Cords. If Ventilators are for ceiling, it should be so stated. Ceiling Ventilators, 25 cents net extra over regular Ventilators.

### HEAVY GRATINGS, WITHOUT VALVES, INDIAN DESIGN.



PATENT PENDING.

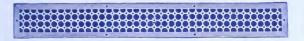
#### BLACK JAPANNED.

Size of Opening	Grating.	Border.	Size of Opening.	Grating.	Border.
		8.75 13.15			

Extra strong and highly finished.

#### ROUND REGISTER WITH SQUARE FACE.

Size of Opening.	Price, Japanned.
	1.75
9	2.50
	3.00



#### VENTILATING PLATES.

To be Set in Base-Board as Ventilators.

Size of Opening.	Japanned, Black or White.	Bronzed.	Electroplated.
3 x 12	0.60		Prices
3 x 18	oSo	1.30	on
3 x 36	4.00	6,00	Application.

Can supply other sizes to order, promptly.



#### SMOKE PIPE REGISTERS AND CEILING PLATES.

BLACK OR WHITE JAPANNED.			
Opening for Pipe.	Register.	Ceiling Plate.	
6, 7 or 8 inches	3.00		

### SOAP STONE AND SLATE BORDERS.

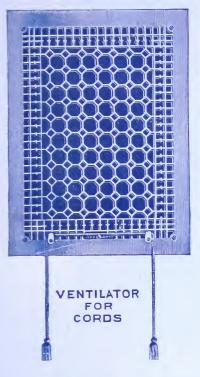
#### PRICE LIST.

Inches.	Price.	Inches.	Price.	Inches.	Price
6	\$ I 20	7 x 10	\$ 2 00	12 x 18	\$ 4 30
7	I 50	8 x 8	. I 90	12 x 19	4 70
S		8 x 10	. 2 10	I 2 X 20	5 00
9	2 00	S x 12	. 2 30	I2 X 24	5 7
IÓ	2 30	8 x 15	2 So	14 x 14	4 7
I 2	2 75	8 x 18	3 00	14 x 16	5 0
14		9 x 9	2 25	14 x 18	5 5
16	4 50	9 x 12	2 60	I4 x 20	5 9
18		9 x 13	2 75	14 x 22	6 2
20	7 50	9 x 14	. 2 90	15 x 25	90
24		10 x 10	2 80	16 x 16	60
4 x 8		IO X 12	2 90	16 x 20	8 5
4 x 10		10 x 14	-	16 x 24	9.5
4 x 15		10 x 16		18 x 24	
6 x S		10 x 18	-	20 X 20	10 0
6 x 9		IO X 20	-	20 X 24	IIO
6 x 10	_	II x 17	0	20 x 26	
6 x 14	20	12 X 12		2 I X 27	
6 x 16		12 x 15	-	21 x 29	
6 x 18		12 x 16	0 . 0	27 x 27	-
7 x 7		12 x 17		27 x 38	_

Special sizes made to order promptly.

#### SLATE, SIDE REGISTER FACINGS.

CIRCULAR TOP.	SQUARE.			
8 x 12\$4 00	S x 12\$4 00			
9 x 12 4 50	9 x 12 4 50			
10 x 14 5 00	9 x 14 5 ∞			
	10 x 14 5 00			



Registers in

all sizes supplied

with

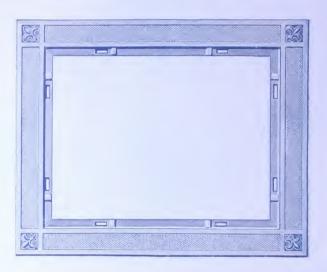
cord fixtures

when ordered.

#### CAPACITY OF FERROSTEEL REGISTERS.

Ferrosteel Registers have large capacity and great strength.

CAPACITY OF FERROSTEEL REGISTERS.						
6 x 12. 58 " 6 x 18. 86 " 8 x 10. 64 " 8 x 12. 77 " 8 x 15. 96 " 9 x 12. 86 " 9 x 14. 101 " 10 x 10. 80 " 10 x 14. 112 " 10 x 16. 128 "	12 x 17 163 " 12 x 18 173 " 12 x 19 182 " 14 x 16 179 " 14 x 18 202 " 14 x 20 224 " 14 x 22 246 " 16 x 20 256 " 16 x 24 307 " 18 x 18 259 "	20 x 24 35				



### EMPIRE PATTERN BORDER.

This Border is supplied in all sizes

4 x 6

to

30 X 42.

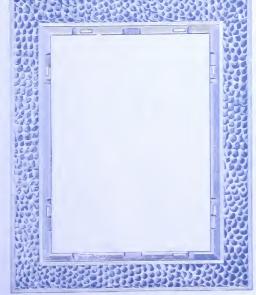


#### BYZANTINE PATTERN BORDER.

Ribbed.	Ribless.
8 x 10	8 x 10
8 x 12	S x 12
9 x 12	9 x 12
9 x 14	IO X I 2
10 x 12	10 x 14
10 x 14	12 x 15
12 x 12	
12 x 14	
12 x 15	
14 x 16	
14 X 200-	
14 x 22.	

#### HAMMERED METAL PAT-TERN BORDER.

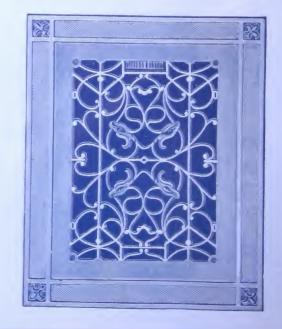
Ribbed					
7	Z	IO			
s S	X	10			
	X	I 2			
.=9	Z	I 2			
10	Z	12			
10	X	14			
12	X	15			
14	X	15			
16	7.	20			



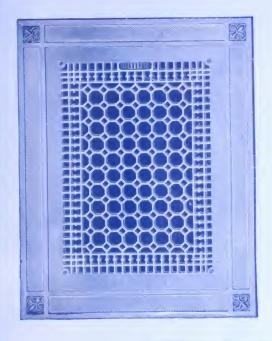


Example of
Byzantine
Register
in
Byzantine
Border.

Example of
Byzantine
Register
in
Empire
Border.



### The regrosted Company



Example of

Moorish

Register

in

Empire

Border.

Example of

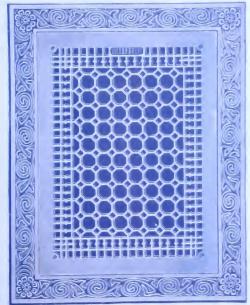
Moorish

Register

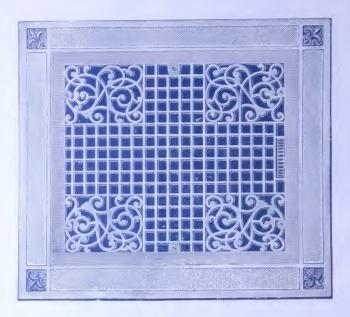
in

Byzantine

Border.



# The regrested Company



#### COMPOSITE LATTICE REGISTER

. . . IN . . .

#### EMPIRE BORDER.

The Composite Lattice pattern was made for use in churches, ware-rooms and any place where extra strength is desired.

It finishes very handsomely in White Japan, Electro Bronze and Imitation Bronze, and has been largely used in these finishes for ventilating purposes.

### Ferrosteel Registers

ARE CRATED AS FOLLOWS:

Other sizes in similar puckages,

We are always pleased however, to pack all orders to said the requirements of purchases

Squaye Registers Sure	Number In Conta	Erganery Street	Name les In France	Royal Registers Stee	Number In Crete
	-21-	HY15			21.
4×15-	-17.	19.6.16	- 6		= x
_ 0x s	71	-DX17-	-+-		24
	84	125 19	-		177
6 v 10	_16	14.8.18	4	100	10
0.8 (8	-100	178.24			
7.810		110.14	41		
30 %	19	-AL 0 1/s			
Name	0-	- arga iRa	- 4		
- STIL		14.90		Brigherin	70
- 5 x 15-		14 8 57.	- 3		- Train
- 2× 9	- 11-	_16 x 35_	- 1 -	- 0 to 15-1	-10 -
5×12.	-14	16 = 21 -	1	- 0 % 10-	.00
V474-	10	_303,30_		_ 5 × m-	18
10 y.xu		200.24		- 5 × 10-	12
_10×1x	12:	100 000	_ 1	9.810	10
- Inv 14	-10-	20 x 25	- 1	_00 × 19	
				_m x 14	
market there	- K		_1_		
			-1-		

## The regrested Empany

#### A LARGE AND WELL ASSORTED STOCK

WILL BE KEPT AT OUR WARE ROOMS,

17-19 LONG STREET, CLEVELAND.



Address all Correspondence

### THE FERROSTEEL COMPANY,

WADE BUILDING,

106-108 Superior Street,

7 7 P

CLEVELAND, OHIO.



WE SUPPLY ALL STYLES FINISHED IN

BLACK OR WHITE JAPAN,

ELECTROPLATED IN

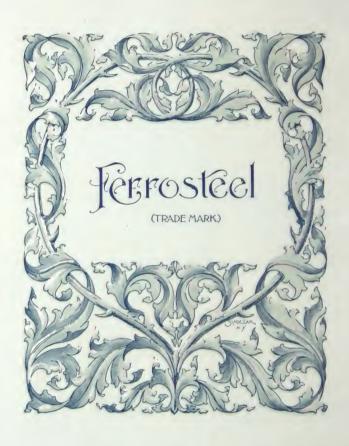
NICKEL, COPPER,

BRONZE, SILVER,

BRASS, AND SOLID BRASS

OR BRONZE METAL.





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